

# Utah Monthly Communicable Disease Report

## December 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases,\* compared to an historical 5-year average, December 2017**

Disease/Condition	Dec 2017	5-yr Dec avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	0	U	1	U
Acute Flaccid Myelitis	0	U	1	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.2	0	1.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.4	1	6.2
foodborne	0	0.0	0	0.4
infant	0	0.4	1	5.6
other (wound/unspecified)	0	0.0	0	0.2
Brucellosis	0	0.0	0	0.8
Campylobacteriosis	13	25.4	583	505.4
Chickenpox	30	17.0	221	240.2
Chlamydia	819	668.0	10062	8279.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	4.8	49	50.6
Colorado tick fever	0	0.0	0	0.4
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.6	4	3.6
Cryptosporidiosis	4	8.2	121	142.0
Cyclosporiasis	0	0.0	14	2.2
Dengue	0	0.0	0	3.6
Ehrlichiosis/Anaplasmosis	0	0.0	1	1.0
Encephalitis	0	0.0	3	4.0
Enterobacter species resistant to carbapenems	0	U	0	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	0	U	1	U
Giardiasis	8	15.6	197	222.4
Gonorrhea	228	126.0	2535	1306.2
HIV infection	3	8.2	99	121.6
Haemophilus influenzae, all ages, invasive disease	4	5.2	62	45.0
nonserotype B, age < 5 years	0	0.2	6	1.8
serotype B, age < 5 years	0	0.0	0	0.4
unknown serotype, age < 5 years	0	0.2	5	1.8
Hansen's disease (Leprosy)	0	0.0	0	0.8
Hantavirus pulmonary syndrome	0	0.0	1	1.6
Hemolytic uremic syndrome, post-diarrheal	1	0.2	12	5.4
Hepatitis A	47	0.8	154	8.8
Hepatitis B, acute	1	0.8	14	9.0
Hepatitis B, chronic	25	21.0	298	288.8
Hepatitis C, acute	0	3.6	56	37.6
Hepatitis C, chronic	102	127.6	1890	1613.8
Hepatitis, other viral	0	0.0	0	1.0
Influenza-associated hospitalizations§	394	349.4	1482	1064.0
Influenza-associated pediatric mortality§	0	0.4	0	2.2
Klebsiella species resistant to carbapenems	2	U	7	U
Legionellosis	0	3.2	23	27.8
Leptospirosis	0	0.0	1	0.4
Listeriosis	1	0.0	6	3.6

\*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

\*\*YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	1	0.4	15	13.2
Malaria	2	1.2	7	8.2
Measles	0	0.2	3	1.0
Meningitis, aseptic	2	2.4	38	39.4
Meningitis, bacterial, other	3	0.8	21	14.6
Meningitis, viral	0	2.2	47	40.6
Meningococcal disease (Neisseria meningitidis)	0	0.4	2	3.8
Mumps	0	0.2	40	1.8
Pertussis	3	61.8	373	923.4
Plague	0	0.0	0	0.4
Q fever	0	0.2	0	4.0
Rabies, animal	0	0.0	23	17.6
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.4
Rubella	0	0.0	0	0.2
Salmonellosis	20	20.8	385	350.2
Shiga toxin-producing Escherichia coli (STEC) infection	5	3.4	138	91.0
Shigellosis	2	2.4	42	42.8
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.0	2	5.8
Streptococcal disease, invasive, group A	10	16.8	108	140.2
Streptococcal disease, invasive, group B	8	12.6	143	144.2
Streptococcal disease, invasive, other	33	27.2	431	309.2
Streptococcus pneumoniae, invasive disease	10	26.6	204	205.4
age < 5 years	0	2.6	17	21.4
Syphilis, early (infection < 12 months)	8	10.2	132	104.0
primary & secondary	4	4.6	76	65.2
early latent	4	5.6	56	38.8
Syphilis, latent (infection > 12 months)	0	7.2	55	60.8
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.8	16	20.6
Trichinellosis	0	0.2	0	0.4
Tuberculosis, active	0	1.4	15	31.2
Tularemia	0	0.0	4	3.0
Typhoid fever	0	0.0	0	1.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	0.6	15	5.2
West Nile virus, total	0	0.0	62	7.0
neuroinvasive disease	0	0.0	38	4.0
nonneuroinvasive disease	0	0.0	24	3.0
Zika Virus Disease	0	U	5	U

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